

Fig.1

2/5

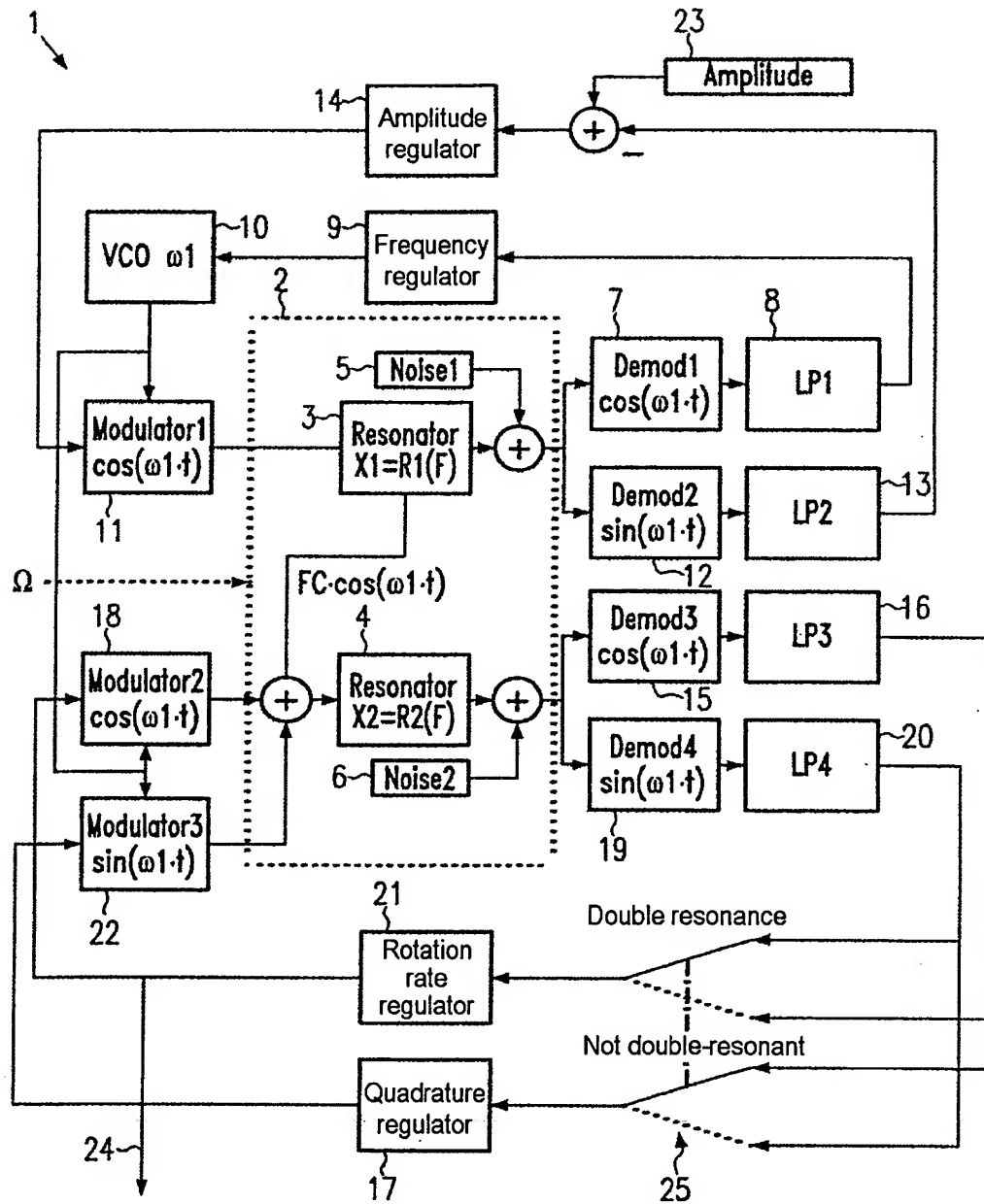


Fig.2

3/5

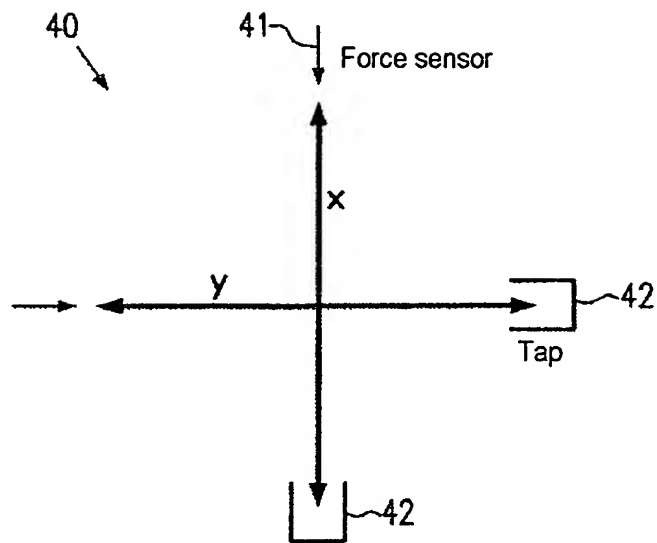


Fig. 3

Forces

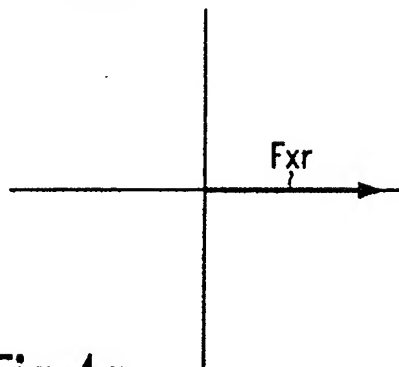


Fig. 4a

Movement

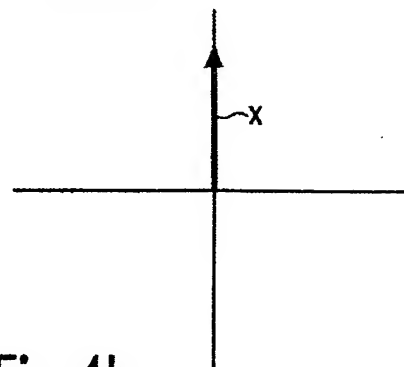


Fig. 4b

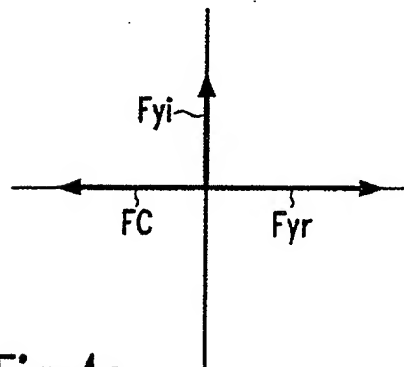


Fig. 4c

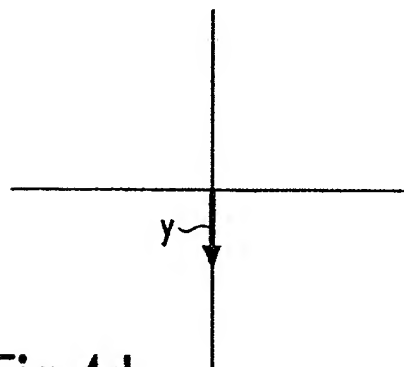


Fig. 4d

4/5

Forces

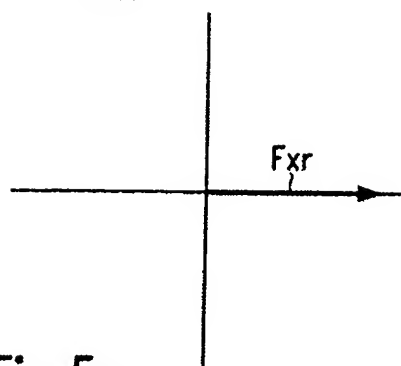


Fig.5a

Movement

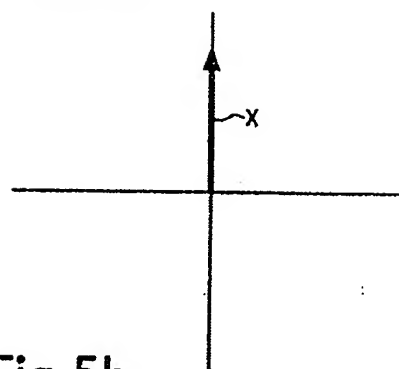


Fig.5b

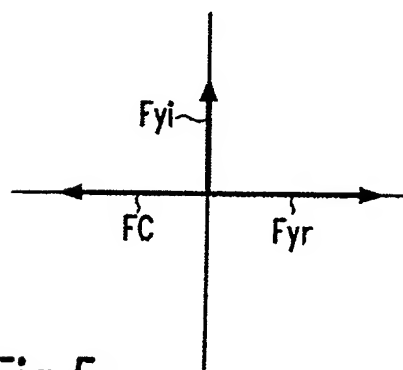


Fig.5c

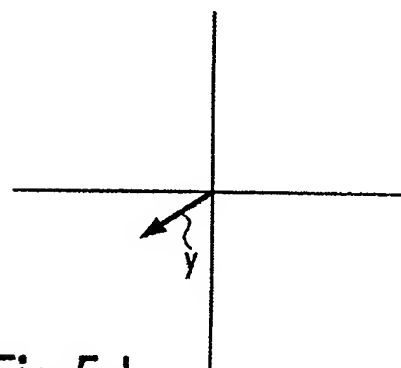


Fig.5d

5/5

Forces

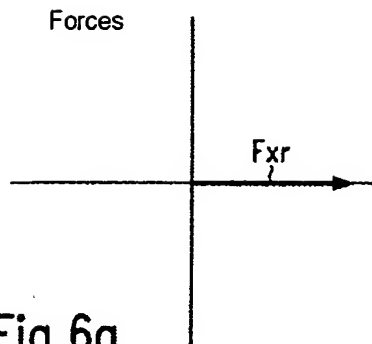


Fig. 6a

Movement

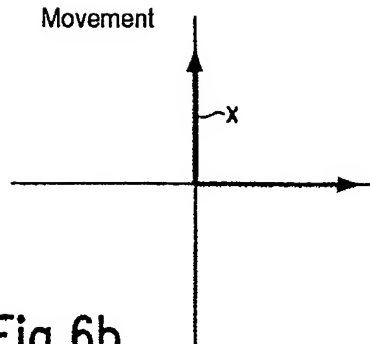


Fig. 6b

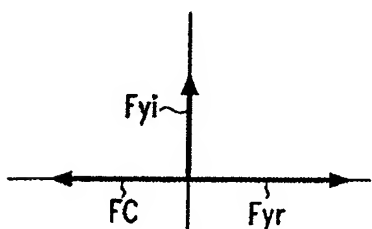
 $F_{yi}$ 

Fig. 6c

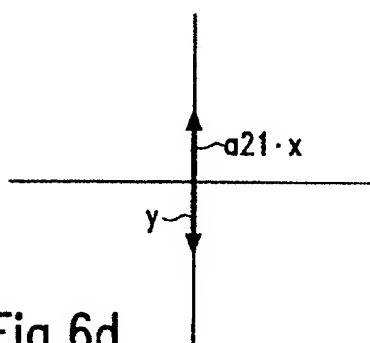
 $a_{21} \cdot x$ 

Fig. 6d

Forces

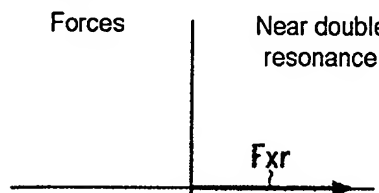
Near double  
resonance

Fig. 7a

Movement

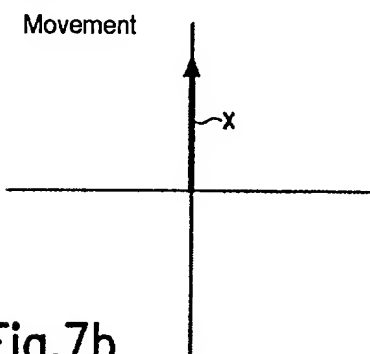


Fig. 7b

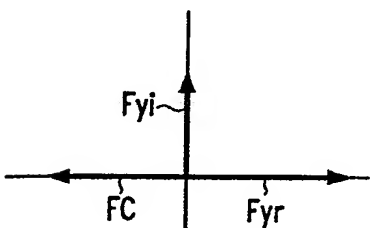
 $F_{yi}$ 

Fig. 7c

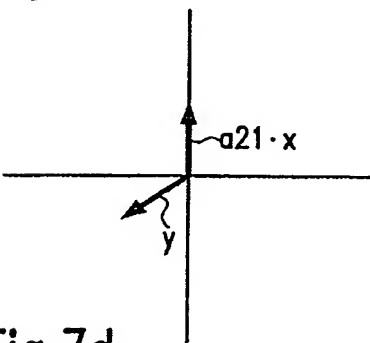
 $a_{21} \cdot x$ 

Fig. 7d